

CHANNEL -- CONTAINING OPTICAL DEVICE COMPONENTS

RECEPTIVE MATERIAL -- OPTIONAL
ATTACHMENT LAYER
AR LAYER -- OPTIONAL
BASE LAYER
SUPPORT

OPTICALLY FUNCTIONAL LAYER

FIG. 1



SUPPORT FEATURES AND OPTICALLY FUNCTIONAL LAYER



FIG. 2A



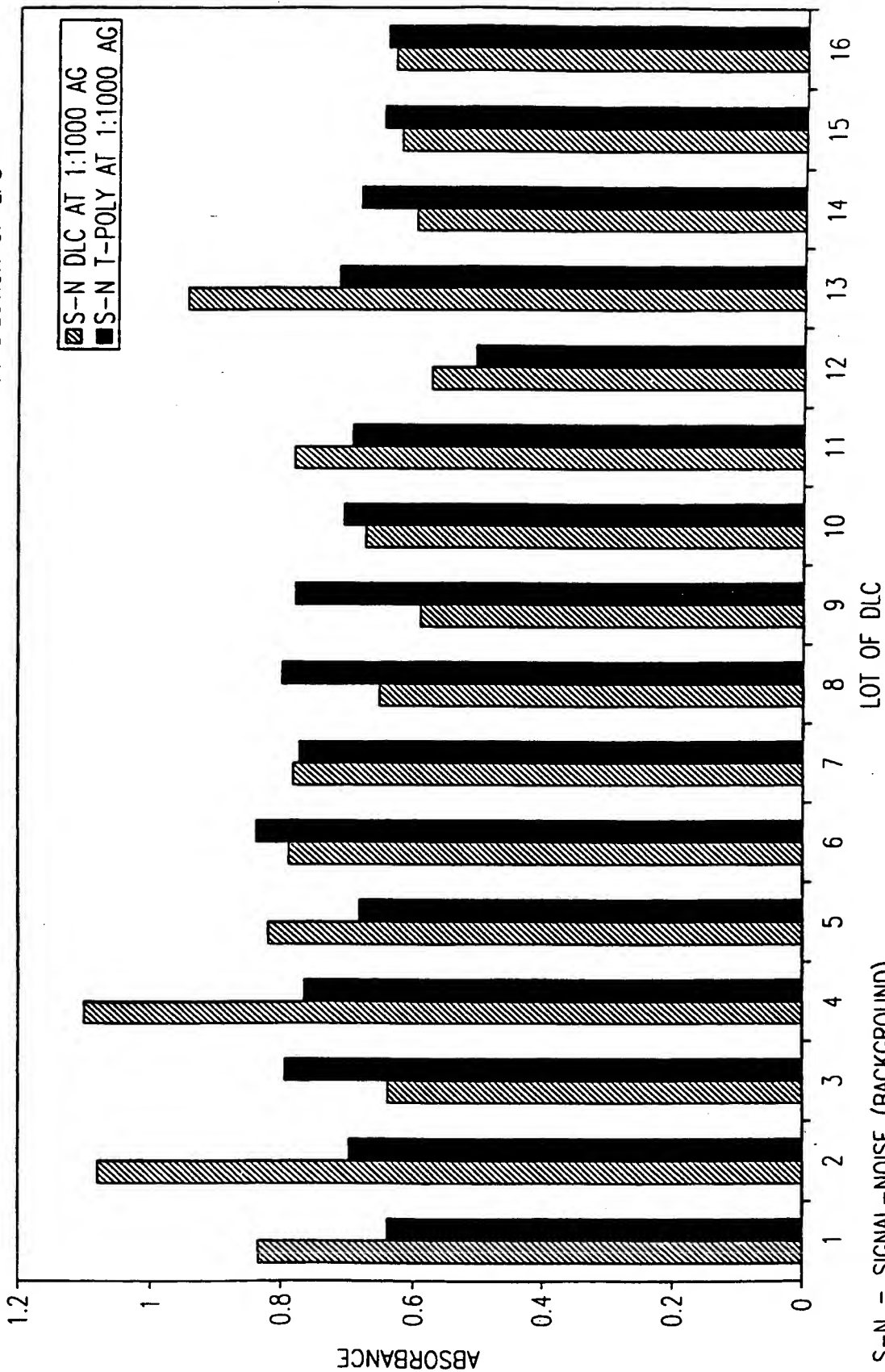
FIG. 2B



FIG. 2C



COMPARISON OF DLC TO T-POLYMER FOR CAPTURE OF LPS AT 1:1000 DILUTION OF LPS

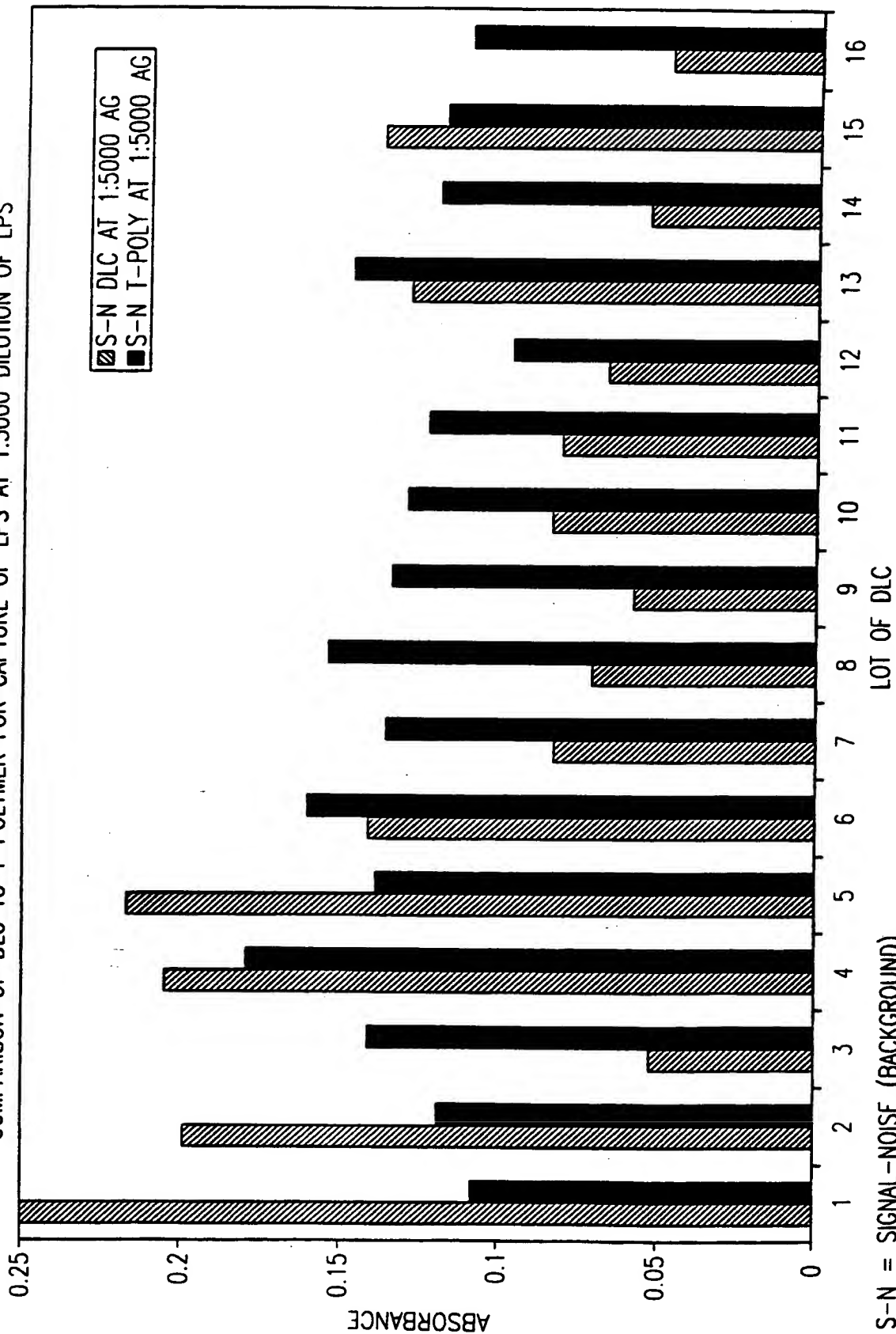


S-N = SIGNAL-NOISE (BACKGROUND),  
ABSORBANCE = READING FOR TMB SUBSTRATE TURNOVER

FIG. 3



COMPARISON OF DLC TO T-POLYMER FOR CAPTURE OF LPS AT 1:5000 DILUTION OF LPS



S-N = SIGNAL-NOISE (BACKGROUND),  
ABSORBANCE = READING FOR TMB SUBSTRATE TURNOVER

FIG.4